

#11.

Hawaiian Explorations.

D. 3968-3976.

H. 4351-4392.

May 27-June 1, 1902.

	2500	
Depth	2600	4351
	2700	
1	2800	3968
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Station *Station* *P.L. 32.5*
 No. *4351* Date *May 17-02*
Sigsbee Machine. *1* Reel. *Heavy*
 Turns *1075* Cor. + *103* Depth *1178 fms*
 Shot or lead *36*
 Bottom *SR.*
 Bottom temperature *26.6*
 No. of thermometer *80460* Cor.
 Corrected temperature
 Air *75* Surface *73* Drift
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>2.48.30</i>	<i>3.16.00</i>	0		
<i>49.30</i>	<i>14.55</i>	100		
<i>50.25</i>	<i>13.45</i>	200		
<i>51.20</i>	<i>12.35</i>	300		
<i>52.30</i>	<i>11.30</i>	400		
<i>53.30</i>	<i>10.15</i>	500		
<i>54.40</i>	<i>09.10</i>	600		
<i>56.10</i>	<i>08.00</i>	700		
<i>57.30</i>	<i>07.00</i>	800		
<i>59.00</i>	<i>05.45</i>	900		
<i>3.00.30</i>	<i>04.20</i>	1000		
<i>01.30</i>	<i>3.03.00</i>	<i>1075</i>		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

24° 05' N. 166° 57' W.

OK
H. O. J.
3

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

4830 257
1075 154
3755 103
1075
1178

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

P.L. = 42.5

507.

No.

49. 4352 Date 27 May '02

Sigsbee Machine. 1 Reel. Navy.

Turns 1764 Cor. + 158 Depth 1922 fms.

Shot or lead 60 lb

Bottom Grey Mud

Bottom temperature 35.5°

No. of thermometer 80460 Cor.

Corrected temperature

Air 76 Surface 74 Drift

Trawl or dredge

P.M. SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
4. 52.00	34.25	0		
54.05	33.20	100		
55.10	32.20	200		
56.10	31.20	300		
57.10	30.20	400		
58.10	29.20	500		
59.10	28.15	600		
5. 00.15	27.15	700		
01.20	26.10	800		
02.30	25 =	900		
03.35	23.45	1000		
04.40	22.30	1100		
05.50	21.15	1200		
07.00	20.00	1300		
08.15	18.50	1400		
09.35	17.35	1500		
10.55	16.20	1600		
12.10	15.00	1700		
5. 13.00	5. 14.30	1764 1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

23° 55' 30" N. 166° 54' 30"

OK
HCO
3

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

4830
1764
3066

257
99
158
1764

1922

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

P.L. = 47.5

107-1

No. *Hy. 4353*. Date *27 May '02*.
Sigsbee Machine. # *1* Reel. *Navy*.

Turns *1992* Cor. + *173* Depth *2165 fms.*

Shot or lead *60 lbs.*

Bottom *gy mud*

Bottom temperature *35.5*

No. of thermometer *80460*. Cor.

Corrected temperature

Air *75.* - Surface *74.* - Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>6.28.20</i>	<i>7.16.30</i>	0		
<i>29.15</i>	<i>15.15</i>	100		
<i>30.05</i>	<i>14.10</i>	200		
<i>30.55</i>	<i>12.50</i>	300		
<i>31.50</i>	<i>11.40</i>	400		
<i>32.50</i>	<i>10.30</i>	500		
<i>33.45</i>	<i>09.25</i>	600		
<i>34.45</i>	<i>08.20</i>	700		
<i>35.45</i>	<i>07.10</i>	800		
<i>36.45</i>	<i>06.00</i>	900		
<i>37.50</i>	<i>04.40</i>	1000		
<i>38.55</i>	<i>03.20</i>	1100		
<i>40.00</i>	<i>02.05</i>	1200		
<i>41.10</i>	<i>7.01.00</i>	1300		
<i>42.15</i>	<i>59.45</i>	1400		
<i>43.30</i>	<i>58.30</i>	1500		
<i>44.40</i>	<i>57.10</i>	1600		
<i>45.55</i>	<i>55.45</i>	1700		
<i>47.05</i>	<i>54.20</i>	1800		
<i>48.25</i>	<i>52.45</i>	1900		
<i>6.49.20</i>	<i>6.51.10</i>	<i>1992</i> 2000		
		2100		
		2200		
		2300		
		2400		

23° 50' 10" N. 166° 53' 10" W.

OK
H.C.
3

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

4830
1992
2838

257
84
173
1992

21 SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Hutchinson

P.L. 62.5

No. 4354 Date May 27th

Sigsbee Machine #1 Reel Navy.

Turns 268 Cor. + 27 Depth 295 fms.

Shot or lead 60 lbs.

Bottom fm. ls. S.

Bottom temperature 47°

No. of thermometer 80460 Cor.

Corrected temperature

Air 73 Surface 74 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
10-10.55	17.45	0		
11.55	16.35	100		
12.55	15.30	200		
13.40	14.40	268		
		200		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

24° 04' N. 166° 51' W.

MC
H.C.B.
3

768
27
795

4830

257

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Cast No. 675

No. 4355 Date May 27-02

Machine #1 Reel. Mary

Turns 165 Cor. + 16 Depth 181 fms

Shot or lead 35 lbs.

Bottom fm co. S. S.

Bottom temperature 58.5

No. of thermometer 80460 Cor.

Corrected temperature

Air 73 Surface 74 Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

11-28.50 34.30
30.40 33.20
31.40 32.40

0
100
162
200
300
400
500
600
700
800
900
1000
1100
1200
1300
1400
1500
1600
1700
1800
1900
2000
2100
2200
2300
2400

24° 09' N. 166° 50' 45" W.

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

72.5

No. 4351 H. Date 28 May 02
Machine. Reel. 1007
Turns 165 Cor. + 16 Depth 181 fms
Shot or lead
Bottom fm. co. S.
Bottom temperature 55.0
No. of thermometer 80460 Cor.
Corrected temperature
Air 72 Surface 72 Drift
Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
12:43.30	2:44.15	0		
44.40	48.00	100		
45.2	47.10	165		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

24° 13' N. 166° 49' 30" W.

		2500	
		2600	
		2700	
		2800	
		2900	
		3000	
		3100	
		3200	
		3300	
		3400	
45.30	25.7	3500	
16.5	24.10	3600	
46.65	17	3700	
	16.5	3800	
	182	3900	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *435* Date *28*
 Machine. *1* Reel.
 Turns *22* Cor. *+* Depth *24 fms*
 Shot or lead *35*
 Bottom *cr. lo.*
 Bottom temperature *62.0*
 No. of thermometer *8046* Cor.
 Corrected temperature
 Air *71* Surface *73* Drift
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>1.45.50</i>	<i>1.47.10</i>	<i>22</i>		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

24° 08' 30" N. 166° 48' W.

1000
1000
1000

4500 2.3
12 1.5
4800

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

P.L. 82.15

No. *415* Date *July 07*

Machine. *1* Reel *V.L.O.*

Turns *380* Cor. + *38* Depth *418*

Shot or lead *6*

Bottom *crs. br. S.*

Bottom temperature *42.0*

No. of thermometer *111* Cor.

Corrected temperature

Air *74* Surface *73* Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>2.44.00</i>	<i>4.41.10</i>	0		
<i>45.10</i>	<i>53.00</i>	100		
<i>46.10</i>	<i>51.50</i>	200		
<i>47.10</i>	<i>50.30</i>	300		
<i>48.00</i>	<i>49.30</i>	<i>380</i>		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

24° 02' 31. 1617. 71.

		2500	
		2600	
		2700	
		2800	
		2900	
		3000	
		3100	
		3200	
		3300	
		3400	
		3500	
380	219	3600	
4450	38	3700	
	386	3800	
	418	3900	
		4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No.

4359

Date

July 11, 1881

Machine.

Reel.

Turns

653

Cor. +

60

Depth

718 fms

Shot or lead

Bottom

Bottom temperature

38.0

No. of thermometer

80460

Cor.

Corrected temperature

Air

74

Surface

73

Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

347.10

H. 1.12.50

0

41.10

101.40

100

49.10

H. 00.30

200

50.20

1.30

300

51.30

1.30

400

52.40

1.30

500

53.45

1.30

600

54.10

5.00

653

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

24'00" N / 166° 51' 30" W

		2500	
		2600	
		2700	
		2800	
		2900	
		3000	
		3100	
		3200	
		3300	
		3400	
4830	2.57	3500	
653	19.2	3600	
	6.5	3700	
4177	11.5	3800	
	7.1	3900	
		4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 4360 Date 28 May '02

Machine. Reel. 1153

Turns 1052 Cor. + 101

Depth 1153 fms.

Shot or lead 35 lbs

Bottom gy. les. M.

Bottom temperature 36.2

No. of thermometer 80460. Cor.

Corrected temperature

Air 73. - Surface 74. - Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

4.57.15	5.26.30	0		
58.35	25.25	100		
5.00.35	24.20	200		
02.00	23.10	300		
03.15	22.00	400		
04.40	20.55	500		
06.00	19.40	600		
07.30	18.35	700		
09.20	17.20	800		
10.55	16.15	900		
12.20	15.00	1000		
5.13.15	5.14.20	1052		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

23° 55' 30" N. 166° 50' 77"

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

2500
1052
3778
2500
156
104

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *4361* Date *28 May 92.**Sigsbee* Machine. Reel. *Navy*Turns *1667* Cor. + *150* Depth *1817 fms*Shot or lead *35 Lbs.*Bottom *Gray Mud*Bottom temperature *35.5*No. of thermometer *80460* Cor.

Corrected temperature

Air *73.* - Surface *74.* - Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>6.20.45</i>	<i>7.02.45</i>	0		
<i>22.00</i>	<i>01.40</i>	100		
<i>22.00</i>	<i>02.25</i>	200		
<i>24.00</i>	<i>02.55</i>	300		
<i>25.10</i>	<i>01.25</i>	400		
<i>26.50</i>	<i>01.22</i>	500		
<i>27.50</i>	<i>01.20</i>	600		
<i>28.45</i>	<i>01.25</i>	700		
<i>30.30</i>	<i>01.10</i>	800		
<i>31.50</i>	<i>02.20</i>	900		
<i>32.10</i>	<i>02.30</i>	1000		
<i>34.45</i>	<i>02.40</i>	1100		
<i>36.05</i>	<i>02.55</i>	1200		
<i>38.45</i>	<i>51.40</i>	1300		
<i>40.25</i>	<i>50.30</i>	1400		
<i>41.50</i>	<i>49.00</i>	1500		
<i>43.30</i>	<i>47.25</i>	1600		
<i>6.45.00</i>	<i>6.46.30</i>	<i>1667</i> <i>1700</i>		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

23° 50' 30" N. 166° 48' 45" W.

		2500	
		2600	
		2700	
		2800	
		2900	
		3000	
		3100	
		3200	
		3300	
		3400	
		3500	
		3600	
		3700	
4830	257	3800	
1667	10.9	3900	
3163	150	4000	

166.7

1817

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

NOT

NOT

Q

23° 50' N. 166° 38' W.

		2500	
		2600	
		2700	
		2800	
		2900	
		3000	
		3100	
		3200	
		3300	
		3400	
		3500	
4530	257	3600	
965	163	3700	
3865	94	3800	
	965	3900	
	1057	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Lat. 17.5
E 40.

No. 4363

Date

Signature

Machine.

Reel.

Turns 371 Cor. + 3'

Depth 408 fms

Shot or lead 35 lbs.

Bottom Cr. S. M. S.

Bottom temperature 41.3°

No. of thermometer 80460 Cor.

Corrected temperature

Air 74 Surface 75 Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

25.55	34.50	0
26.40	33.30	100
27.25	32.20	200
28.10	31.10	300
29.30	30.30	371
		400
		500
		600
		700
		800
		900
		1000
		1100
		1200
		1300
		1400
		1500
		1600
		1700
		1800
		1900
		2000
		2100
		2200
		2300
		2400

23°49'30" N. 166°28'54" W.

OK
H.C.
3

4830

257

253/0
00

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 434

Date May 20 07

Machine.

Reel.

Turns

Cor. +

Depth 393

Shot or lead

Bottom

Bottom temperature

No. of thermometer

Cor.

Corrected temperature

Air 74

Surface 78

Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

12.40.00 17.40.00
41.20 17.50
42.10 18.00
43.10 18.10
44.20 18.40

352

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

23° 49' 10" N / 166° 23' 50" W

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
48.5	3600	
2.5	3700	
1.73	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 111. Date May 27
Machine. Reel.
Turns 500 Cor. + Depth 7 fms
Shot or lead 14 lbs
Bottom No Specimen
Bottom temperature
No. of thermometer 2556 Cor.
Corrected temperature
Air 73. - Surface 74. - Drift
Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
6. 10		0		
		100		
4y 43 66		200		
		300		
8.13	14 1/2	400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

[illegible]

23° 50' 40" N. 165° 21' 57" W.

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3709

3800

3900

4000

#4366- 23°46'40" $\overset{3900}{N}$ $\underset{4600}{E}$ - 166°18' 30" W.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

[illegible]

Lat 49.34.7

507

No. 3968

Date May 27. 1912.

Machine Reel.

Turns Cor. + Depth 14

Shot or lead 14 lbs.

Bottom cr. S. Co.

Bottom temperature

No. of thermometer Cor. N 66

Corrected temperature

Air 73 Surface 75 Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

8.21.50

0

8.25.00

11.11.10

100

25.30

8.40

200

300

Lost in mud.

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

Hy. 11367.

8.43 a 16 1/2

free (no specimen)

SE 3968.

55¹

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3000

5144

1

Tangles =

2 kinds branching
corals; many kinds
algae; sev. sp. Bryozoa;
sev. sp. sponge; 4 sp.
echinoids; sev. sp.
serpent stars; 7 kinds
crabs; alphea; sev.
lamellibranchs attached
to coral; 4 kinds annelids
1 romacentrus sp.?

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50	136.7	28° 16'	25"	136.7
100		17.9	19"	55.7
200		16.5	19"	55.7
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

REMARKS: On 4367
down trap line of 2000 yds. ^
14 1/2, 14, 15, 14 1/2, 15, 14 1/2, 15, 15 1/2, 15 1/2.
19 ft. 15, 15, 16, ~~16, 17~~

m.

35.3
S.S.W.

No.

Date

May 29-02

Machine.

Reel.

Turns

Cor. +

Depth

15 fms

Shot or lead

14 lbs

Bottom

crs. S. sh. Co.

Bottom temperature

No. of thermometer

Cor.

16571

Corrected temperature

Air

74

Surface

74

Drift

Trawl or dredge

5

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

5.55 =

9.00

14.20

35
100

12.10

17.30

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	Tangles:			
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

Little branching coral; many
algæ; sev'l kinds bryozoa; sev'l kinds
sponge; sev'l kinds echinoids; 4 kinds
ophiurans; 4 kinds crabs; alpheus;
munida; 2 kinds annelids.

Serial temperature 9969.8. 4358.

REMARKS:

15. 15. 16 fms.

No.

4368

Date

July 24-02

Machine.

Reel.

Turns

Cor. +

Depth

16 fms

Shot or lead

14 lbs

Bottom

Co.

Bottom temperature

No. of thermometer

Cor.

Corrected temperature

Air

74

Surface

74

Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

9.21.10

Mark 100

3969

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

4366-14 1/2 fms

4367-16 1/2 fms

8.3 am

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

S. S. W.

No. 5

3470

Date

May 29 12

Machine.

Reel.

Turns — Cor. + —

Depth 75

Shot or lead 14

Bottom

Co. S. S. Co.

Bottom temperature

No. of thermometer

Cor.

Corrected temperature

Air 74

Surface 74

Drift

Trawl or dredge

Tangle, 5 min.

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

9.38

0

35

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

7.42.40

44.50

10-01.20

9-57.50

28° 45' 50" N. 166° 20' 50" W.

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	Tangles : 2 kinds corals; little sponge; 1 trachyopod; 4 kinds brachyurans; alpheus; 2 kinds munida, several kinds algae; 2 kinds echinoids.			
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 44 4364 Date May 27 1890

Machine. — Reel.

Turns Cor. +

Depth 17 1/2 fms

Shot or lead 14 lbs.

Bottom G. S. B.

Bottom temperature

No. of thermometer

Cor.

Corrected temperature

Air 74

Surface 76

Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

19 00.30

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

23° 46' 20" N, 166° 21' 30" W.

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Post 736.3.

S. S. W.

No. *D 3971* Date *May 27 1902*

Machine. Reel.

Turns Cor. + Depth *17 fms*

Shot or lead *14 lb*

Bottom *co. S. S. Co.*

Bottom temperature

No. of thermometer

Cor.

Corrected temperature

Air

Surface

Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS

DREDGE ROPE.

DOWN.

UP.

10 14 00

187

18.30

37.00

20.10

35.10

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

23° 46' 05" N. 166° 21' 47" W.

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	Tangles: Few detached coral fragments; 3 kinds crabs; 2 urchins; 1 ophiuran.			
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Lost one Hydro and
one H.B. from line.

No. *4370* Date *May 29*

Hand Machine. Reel.

Turns Cor. + Depth *17 fms*

Shot or lead *14 lbs*

Bottom *crs. S. Co.*

Bottom temperature

No. of thermometer *None* Cor.

Corrected temperature

Air *71* Surface *76* Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

arr
10.36

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

None end of
3971

23° 46' 30" N. 166° 22' 15" W.

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *Hy 434* Date *27th May 1900*
 Machine. Reel.
 Turns *24* Cor. + *✓* Depth *25 fms*
 Shot or lead *26 lbs*
 Bottom *fine sand*
 Bottom temperature
 No. of thermometer *71* Cor.
 Corrected temperature
 Air *71* Surface *76* Drift
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>10:54.10</i>	<i>54.50</i>	0		
<i>54.20</i>	<i>54.25</i>	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

23° 46' 25" N. 166° 23' W.

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

476
24
—
452

12

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

23

No.

3472

Date

Machine. — Reel.

Depth

Turns

Cor. +

Depth

Shot or lead

26 lbs.

Bottom

crs S. les.

Bottom temperature

No. of thermometer

Cor.

Corrected temperature

Air

Surface

Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

11-13.40

06.45

04.25

04.30

100

200

300

350

400

450

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

11-13.10

09.00

15.25

08.00

19.40

12.01.15

24.30

57.30

32.30

15.15

42.30

11.53.30

23° 46' 20" N. 166° 23' 55" W.

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

496

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	Tangles -	Catch not listed.		
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

* Reel in - 110 turns. Reel running off at large angle.

No.

Date

Machine.

Reel.

Turns

Cor. +

Depth

~~Shot or lead~~

Bottom

Bottom temperature

No. of thermometer

Cor.

Corrected temperature

Air

Surface

Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

12:11.00	17.40	0
		100
		200
14.00	15.40	300
12.14	12.50	340
		400
		500
		600
		700
		800
		900
		1000
		1100
		1200
		1300
		1400
		1500
		1600
		1700
		1800
		1900
		2000
		2100
		2200
		2300
		2400

~~#309~~

23° 46' 20" N.

166° 24' 55" W.

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

0.1
0.2
0.3

340
34
35

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No.

Date

Machine.

Reel.

Turns

Cor. +

Depth

Shot or lead

Bottom

Bottom temperature

No. of thermometer

Cor.

Corrected temperature

Air

Surface

Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

12.27.30	12.38.50	0	12.50.00	12.51.30
30.30	17.30	100	57.30	30.30
31.30	16.30	200	1.00	1.00
32.30	15.30	300	2.00	2.00
33.30	14.30	400	06.30	2.30
34.30	13.30	500	10.00	1.40
35.30	12.30	600	12.00	1-16.40
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

23° 47' 10" N. 166° 24' 55" W.

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

4000

359

36

395

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	Blake Trawl:			
50	1 fragment red coral; 2 kinds gorgonians;			
100	1 ophiocreas on gorgonian; many			
200	single-armed basket stars ? twisted			
300	about gorgonians; 2 kinds (each)			
400	browns; 1 anomuran; 1? neoscopelus			
500	macrolepidotus; 2 kinds annelids..			
600				
700				
800				
900				
1000				

REMARKS:

1000 fms. up. captured.

No. *2974*Date *2*

Machine.

Reel.

Turns *361*Cor. + *26*Depth *387*

Shot or lead

Bottom *fine G. S. gy.*

Bottom temperature

No. of thermometer *8046*Cor. *N 17° W*
(N 4° E W)

Corrected temperature

Air *70*Surface *70*Drift *1/2'*

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

<i>1.39.50</i>	<i>1.41.00</i>	0	<i>1.57.30</i>	<i>2.54.20</i>
<i>39.55</i>	<i>46.36</i>	100	<i>58.00</i>	<i>3.10</i>
<i>40.00</i>	<i>47.00</i>	200	<i>58.10</i>	<i>3.20</i>
<i>42.10</i>	<i>47.50</i>	300	<i>58.00.00</i>	<i>4.00</i>
<i>44.10</i>	<i>1.24.10</i>	<i>361</i>	<i>58.50</i>	<i>42.50</i>
		400		<i>39.00</i>
		500		
		600	<i>2.11.00</i>	<i>2.54.00</i>
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

23° 49' 30" N, 166° 25' 55" W.

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400	<p>Tangles = Several pieces gorgonians; 1 crab; 1 starfish; numerous single-arm basket-stars attached to gorgonians; 2 kinds sponges.</p>			
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 1131 Date

Machine. Reel.

Turns 376 Cor. + 3 Depth 414

Shot or lead 3

Bottom 60 S. bk. S.

Bottom temperature 41

No. of thermometer 80460 Cor.

Corrected temperature

Air 70 Surface 76 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
2.56.10	3.01.01	0		
5.10	54.00	100		
1.00	05.00	200		
	52.00	300		
3.00.30	3.01.30	400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

23° 50' N. 166° 26' 10" W.

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

P.L. = 64.1

507.

No. 434 Date 29 May 1901

Machine. Reel.

Turns 824 Cor. + 82 Depth 902 fms.

Shot or lead 60 lbs.

Bottom Co. S. glob. cor. main. Sclerites rock-

Bottom temperature 37.1

No. of thermometer 80460. Cor.

Corrected temperature

Air 74 Surface 74 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
2.16.40	14.25	0		
2.17.10	13.20	100		
2.17.40	12.30	200		
2.18.10	11.30	300		
2.18.40	10.35	400		
2.19.10	09.30	500		
2.19.40	08.25	600		
2.20.10	07.15	700		
2.20.40	06.15	800		
2.21.10	05.20.00	900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

French Frigate to Necker Id.

23° 56' N.

166° 02' 71.

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

25-

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No.

Date

Machine.

Reel.

Turns / 100 Cor. +

Depth 107

Shot or lead 60

Bottom

Bottom temperature

No. of thermometer

Cor.

Corrected temperature

Air

Surface

Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

23° 58' 30" N. 165° 42' 00" W.

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
980	3600	
980	3700	
980	3800	
980	3900	
1070	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

P.L. 14.1
E. by N E.C.)

No.

Date

Machine

Reel

Turns 1790 Cor. + 160

Depth 1950 fms

Shot or lead 60 Lbs

Bottom Gray Co. S, little glab. ooze

Bottom temperature (Therm. held on string line and did not descend)

No. of thermometer 80150 Cor.

Corrected temperature

Air 72.- Surface 73.- Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
6. 16.45		0		
17.25		100		
16.25		200		
15.30		300		
14.75		400		
13.25		500		
12.25		600		
11.20		700		
10.15		800		
09.10		900		
08.00		1000		
07.00		1100		
05.55		1200		
04.50		1300		
03.45		1400		
02.25		1500		
01.30		1600		
6. 00 20		1700		
5. 59.15		1790		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2110 021 N, 165°15' W.

		2500	
		2600	
		2700	
		2800	
		2900	
		3000	
		3100	
		3200	
		3300	
		3400	
		3500	
		3600	
4830	257	3700	
1790	97	3800	
3040	160	3900	
	1700	4000	
	1050		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Alt. = 39.1
Course S.S.E

No. 4457 Date May 30th 1902
Machine. Reel.
Turns 2140 Cor. + 182 Depth 2322 fms.
Shot or lead 35 Lbs.
Bottom S. Glob. ...
Bottom temperature 35.3
No. of thermometer 50460 Cor.
Corrected temperature
Air 75 Surface 74 Drift
Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
10-27.20	32.25	0		
28.25	31.30	100		
29.15	31.20	200		
30.10	30.30	300		
31.05	19.30	400		
32.00	18.45	500		
33.00	17.55	600		
34.00	16.55	700		
35.00	15.40	800		
37.25	14.35	900		
38.45	13.30	1000		
40.15	12.20	1100		
41.40	11.15	1200		
43.10	10.05	1300		
44.40	08.55	1400		
46.15	07.45	1500		
48 =	06.30	1600		
49.40	05.20	1700		
51.15	04 =	1800		
52.50	02.35	1900		
54.25	11-01.10	2000		
56.10	59.35	2100		
57.20	58.40	2140		
		2200		
		2300		
		2400		

23° 55' N, 164° 50' W,

		2500	
		2600	
		2700	
		2800	
		2900	
		3000	
		3100	
		3200	
		3300	
		3400	
4520	25	3500	
2140	15	3600	
2590	12	3700	
	11	3800	
	10	3900	
	9	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Lost me as the ship is under way.

Station *P.O. 68.8* *50-*

No. *Date*

Machine. *Reel.*

Turns *Cor. +* *Depth*

Shot or lead *25*

Bottom *Sh. Co. ers 8.*

Bottom temperature

No. of thermometer *Cor.*

Corrected temperature

Air *Surface* *Drift* *South 1'*

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

15m approx

23° 30' N. 164° 41' W.
 Necker Island Shoal and to Bird Id.

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	Tangles = Believed to have been on bottom but very short time. 2 ophiurans, 2 starfish; 3 kinds echinoids; 1 coral; sponge; red & green corallines.			
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *51* Date *7 May 1902*
 Machine. Reel.
 Turns *164* Cor. +
 Shot or lead *76* Depth *171 fms*
 Bottom *Co. m. S.*
 Bottom temperature
 No. of thermometer *1511* Cor.
 Corrected temperature
 Air Surface *75* Drift *South 1/2*
 Trawl or dredge *Wight 4 fms. 171 fms.*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>2.2</i>	<i>3.42</i>	0	<i>3.45.10</i>	<i>4.21.10</i>
<i>416.30</i>	<i>3.11.40</i>	100	<i>49.00</i>	<i>17.20</i>
		<i>164</i>	<i>52.00</i>	<i>13.50</i>
		300	<i>55.00</i>	<i>10.10</i>
		<i>350</i>	<i>3.57.00</i>	<i>4.08.05</i>
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

After 171 fms. end
1. 39.55

23° 29' N, 164° 41' W.

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Water haul; no results. Possibly not on bottom.

No. *44258* Date *21 May 2001*
Sigsbee Machine. Reel. *1*
 Turns *457* Cor. + *15* Depth *503 fms.*
 Shot or lead *36 Lbs.*
 Bottom *R.*

Bottom temperature *46. -*
 No. of thermometer *80460* Cor.

Corrected temperature

Air *79. -* Surface *74. -* Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>4 22.00</i>	<i>4.24.00</i>	0		
<i>24.00</i>	<i>33.00</i>	100		
<i>10.00</i>	<i>21.00</i>	200		
<i>26.10</i>	<i>10.10</i>	300		
<i>12.00</i>	<i>00.00</i>	400		
<i>4 28.00</i>	<i>1.23.00</i>	<i>457</i>		
		500		
		600		
		700		
<i>66.25</i>		800		
<i>02</i>		900		
<i>10.39.15</i>		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

23° 28' N. 164° 41' W.

1196

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

4820

257

457
46

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

P.L. = 78.1
S.M. 4.12.2.9

571
April

No. 4370. Date 31 May 1901.

Sigsbee Machine. / Reel. 200

Turns 71 Cor. + 71 Depth 777 fms.

Shot or lead 35 lbs.

Bottom fine co S.

Bottom temperature 38. -

No. of thermometer 80460. Cor.

Corrected temperature

Air 78. - Surface 74. - Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
15.26.30	5.12.00	0		
27.05	49.45	100		
28.50	48.45	200		
29.55	47.45	300		
30.55	46.45	400		
32.00	45.45	500		
33.00	44.45	600		
5.34.00	5.35.15	700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

23° 24' N. 164° 37' W.

61
3000
3

7'.

4830

2.5

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

P.S. = 78.8
E. 1/4 N. (br. S.C.)

No. 4380. Date 31 May 02.

Sigsbee Machine. / Reel. No. 1.

Turns 19 Cor. + 2 Depth 21 fms.

Shot or lead 60 Lbs.

Bottom Coarse coral sand + shells.

Bottom temperature 74.7

No. of thermometer 80460. Cor.

Corrected temperature

Air 76. - Surface 74. - Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
5.45.25		0		
		19		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

23° 23' 30" N. 164° 31' 30" W.

OK
JH

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

1830

25-

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

507.
 No. *1130* Date *31 Jan 1881*
Sigsbee Machine. Reel. *1600*
 Turns *16* Cor. + *2* Depth *18* fms.
 Shot or lead *35* Lbs.
 Bottom *Green mud*
 Bottom temperature *75*
 No. of thermometer *80460* Cor.
 Corrected temperature
 Air *75* - Surface *74* - Drift
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

23° 23' 24. 164° 26' 24.

		2500	
		2600	
		2700	
		2800	
		2900	
		3000	
		3100	
		3200	
		3300	
		3400	
		3500	
		3600	
		3700	
		3800	
4830	25	3900	
		4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
38.50	39.50	0		
		20		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

23° 22' N, 164° 21' W.

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

4530

257

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

P.L. 73.5

No. 4383 Date May 21-02

Machine. #1 Reel. Navy.

Turns 21 Cor. + 2 Depth 23 fms

Shot or lead 35 lbs.

Bottom fine. Co. S.

Bottom temperature

No. of thermometer 55760 Cor.

Corrected temperature

Air 75 Surface 74 Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

9-28.55

30 =

0

29.30

29.35

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

23° 21' 30" N. 164° 15' 30" W.

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

P.L. 98.8

No. 44 1384 Date May 31st
 Machine. Reel.
 Turns 222 Cor. + 29 Depth 331 fms
 Shot or lead 35 lbs.

Bottom No. spec.
 Bottom temperature 43.3
 No. of thermometer 80460 Cor.
 Corrected temperature
 Air 70 Surface 70 Drift
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
19.30	26.40	0		
20.40	25.30	100		
21.35	24.20	200		
22.30	23.30	300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

28° 20' 30" N. 164° 10' 15" W.

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
4530	3600	257
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 2385 Date June 1 02

Machine. 1 Reel. 1

Turns 1745 Cor. + 150 Depth 1901

Shot or lead

Bottom blue ooze

Bottom temperature

No. of thermometer 16000 Cor.

Corrected temperature

Air 74 Surface 73 Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

28° 18' 30" N. 163° 47' W.

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
4830	3500	255
1745	3600	1
3005	3700	151
	3800	1745
	3900	1901
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR. .	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *4386*. Date *June 30, 1881*
Sigsbee Machine. Reel. *1*
 Turns *85* Cor. + *85* Depth *90 fms.*
 Shot or lead *60 Lbs.*
 Bottom *Glob. ooze & mang. particles*
 Bottom temperature *37.5*
 No. of thermometer *80460*. Cor.
 Corrected temperature
 Air *75* - Surface *75* - Drift
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>7.08.00</i>	<i>7.25.00</i>	0		
<i>08.00</i>	<i>24.00</i>	100		
<i>09.00</i>	<i>23.10</i>	200		
<i>10.00</i>	<i>22.20</i>	300		
<i>11.00</i>	<i>21.30</i>	400		
<i>12.00</i>	<i>20.40</i>	500		
<i>13.00</i>	<i>19.50</i>	600		
<i>14.00</i>	<i>19.00</i>	700		
<i>15.00</i>	<i>18.10</i>	800		
<i>16.00</i>	<i>17.20</i>	900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

23° 15' N, 163° 20' W

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

230
8-6
397

25
172
8-6

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *Hy 4887* Date *Jan 1 1902*Machine. # *10* Reel. *C. K. 100*Turns *500* Cor. + *50* Depth *550*Shot or lead *60 lbs.*Bottom *fine Co S + glob. live*Bottom temperature *22.5*No. of thermometer *2460* Cor.

Corrected temperature

Air *78* Surface *75* Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

*11-01.25**15.5*

0

*02.10**11.30*

100

*03.00**13.05*

200

*14.50**14.05*

300

*14.40**07.50*

400

*05.40**06.40*

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

23° 12' 30" N. 162° 58' W.

		2500	
		2600	
		2700	
		2800	
		2900	
		3000	
		3100	
		3200	
		3300	
		3400	
		3500	
4800	257	3600	
		3700	
		3800	
		3900	
		4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 4088 Date

Machine. / Reel.

Turns Cor. + 78 Depth

Shot or lead

Bottom mang. frag. 2 - 1

Bottom temperature

No. of thermometer 80460 Cor.

Corrected temperature

Air 81 Surface 75 Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

5.00.00	13.10	0	
5.00.10	13.11	100	
5.00.20	13.12	200	
5.00.30	10.50	300	
5.00.40		400	
5.00.50		500	
5.01.00	6.40	600	
5.01.10	6.41	700	
5.01.20	6.42	800	
5.01.30	6.43	900	
		1000	
		1100	
		1200	
		1300	
		1400	
		1500	
		1600	
		1700	
		1800	
		1900	
		2000	
		2100	
		2200	
		2300	
		2400	

23° 10' N, 162° 29' W.

51C
1102
1102

178
178
178
11

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

P.L. = 8.8.

507

No. *1387* Date *June '02.*
W. & B. Machine. / Reel. *Very*
Turns *1059* Cor. + *101* Depth *1160 fms.*
Shot or lead *36* Lbs.
Bottom *1-K.V.*
Bottom temperature *55.2*
No. of thermometer *80460.* Cor.
Corrected temperature
Air *82.* - Surface *77.* - Drift
Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>4. 45.50</i>	<i>5. 10.55</i>	0		
<i>46.40</i>	<i>09.50</i>	100		
<i>47.35</i>	<i>08.40</i>	200		
<i>48.25</i>	<i>07.35</i>	300		
<i>49.20</i>	<i>06.25</i>	400		
<i>50.20</i>	<i>05.20</i>	500		
<i>51.30</i>	<i>04.15</i>	600		
<i>52.30</i>	<i>03.05</i>	700		
<i>53.45</i>	<i>01.55</i>	800		
<i>55.00</i>	<i>5. 00.40</i>	900		
<i>56.15</i>	<i>59.25</i>	1000		
<i>11. 57.00</i>	<i>4. 58.50</i>	1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

23° 08' 30" N, 162° 18' W.

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

4830
12.9
37.1

257

156

101

1059

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *Hy. 4390* Date

Sigsbee Machine. *X* / Reel.

Turns *83* Cor. + *3*

Depth *919 fms.*

Shot or lead *60 Lbs.*

Bottom *fine. co. S. mang. Part.*

Bottom temperature *37.2*

No. of thermometer *80460* Cor.

Corrected temperature

Air *77* - Surface *76* - Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>6.00.15</i>	<i>6.19.00</i>	0		
<i>01.00</i>	<i>18.00</i>	100		
<i>01.55</i>	<i>16.50</i>	200		
<i>02.45</i>	<i>15.45</i>	300		
<i>03.45</i>	<i>14.40</i>	400		
<i>04.45</i>	<i>13.40</i>	500		
<i>05.45</i>	<i>12.35</i>	600		
<i>06.45</i>	<i>11.30</i>	700		
<i>07.45</i>	<i>10.15</i>	800		
<i>6.08.05</i>	<i>6.09.35</i>	<i>836</i>		
		<i>900</i>		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

23° 08' N, 162° 07' 30" W,

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

4820
836
3994

257
174
83
836
919

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *459* Date *June 18, 1902*
 Machine. *Sigsbee* Reel. *No. 1*
 Turns *415* Cor. + *41* Depth *456 fms.*
 Shot or lead *35 lbs.*
 Bottom *Co. gy. m. s. spec.*
 Bottom temperature *40.8*
 No. of thermometer *80460* Cor.
 Corrected temperature
 Air *76.* Surface *76.* Drift
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>7.06.15</i>	<i>7.16.50</i>	0		
<i>07.15</i>	<i>15.45</i>	100		
<i>08.30</i>	<i>14.15</i>	200		
<i>09.45</i>	<i>13.40</i>	300		
<i>10.50</i>	<i>13.05</i>	400		
<i>7.11.00</i>	<i>12.20</i>	<i>415</i>		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

53° 07' 30" N. 162° 07' 54"

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

1830

25"

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

507. *Hutchinson* P.L. = 23.8
 No. *H. 4392.* Date *1 June '02.*
Sigsbee Machine. # *1* Reel. *Navy.*
 Turns *28* Cor. + *3* Depth *31 fms.*
 Shot or lead *36 Lbs.*
 Bottom *Coarse Coral Sand & rock*
 Bottom temperature *74*
 No. of thermometer *80460.* Cor.
 Corrected temperature
 Air *76.* - Surface *74.* - Drift
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>8:06.30</i>	<i>07.40</i>	0		
<i>07</i>	<i>07.10</i>	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

23° 06' 30" N, 162° 02' W.

OK
H. J. H.
/h

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

4830 257

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

507.
Stacy
 No.

Date *2 June 02*
 Machine. Reel.

Turns Cor. + Depth

Shot or lead

Bottom

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air Surface Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

13-60

15-35

707.

51 - 60

79 - 35